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**TITLE:** Web based in-circuit emulator, and system and method for web base development of target embedded system by using the same

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**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
KR 403195 B	October 23, 2003	N/A	000	G06F 009/455
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**ABSTRACTED-PUB-NO:** KR2003000794A

**BASIC-ABSTRACT:**

**NOVELTY** - A web based in-circuit emulator, and a system and a method for the web base development of a target embedded system by using the same are provided to offer a development environment of the target embedded system through an embedded web page by connecting with the in-circuit emulator embedded through an interface between a web server to a host system supporting a web browser and the target embedded system.

**DETAILED DESCRIPTION** - The system comprises a host system(1) supporting the web browser, the web based in-circuit emulator(2) embedding with the web server, and a target embedded system. The web based emulator(2) comprises a host interface(21), a web server embedded emulator(22), and a target interface(23). The host interface(21) interfaces the host system(1) and the web based in-circuit emulator(2) with each other by providing the diverse communication paths. The web server embedded emulator(22) comprises a CPU(221) performing a web server function and an in-circuit emulator function at the same time, and a memory(222) storing a relating program or bios and an execution file. The web page for providing the development environment of the target embedded system(3) is stored in the memory.

